

The Remarkable Advantages of Open Source Geospatial Software

By Rajesh Kumar Bethi



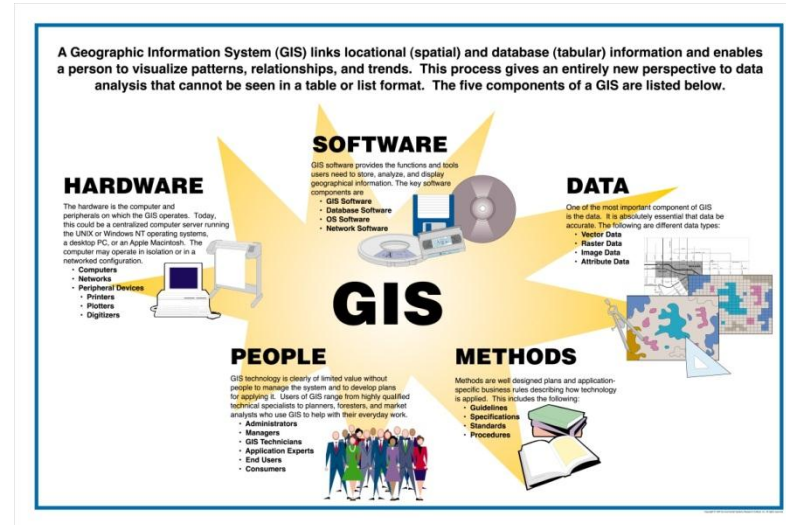
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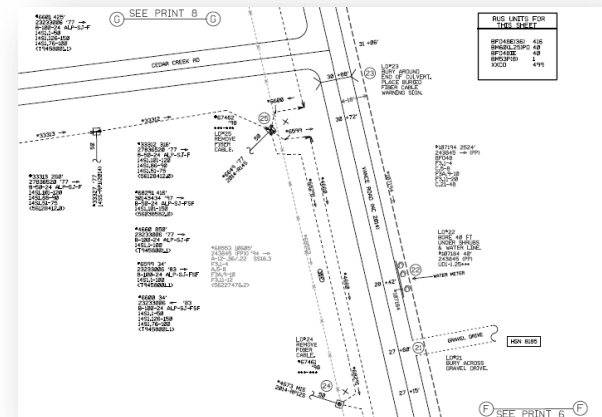
- GIS and Need
- Evolution of GIS
- Business Challenges
- Open Source
- Why Open Source GIS
- Architecture
- Advantages - What is Remarkable
- Open Source GIS Software
- Q&A



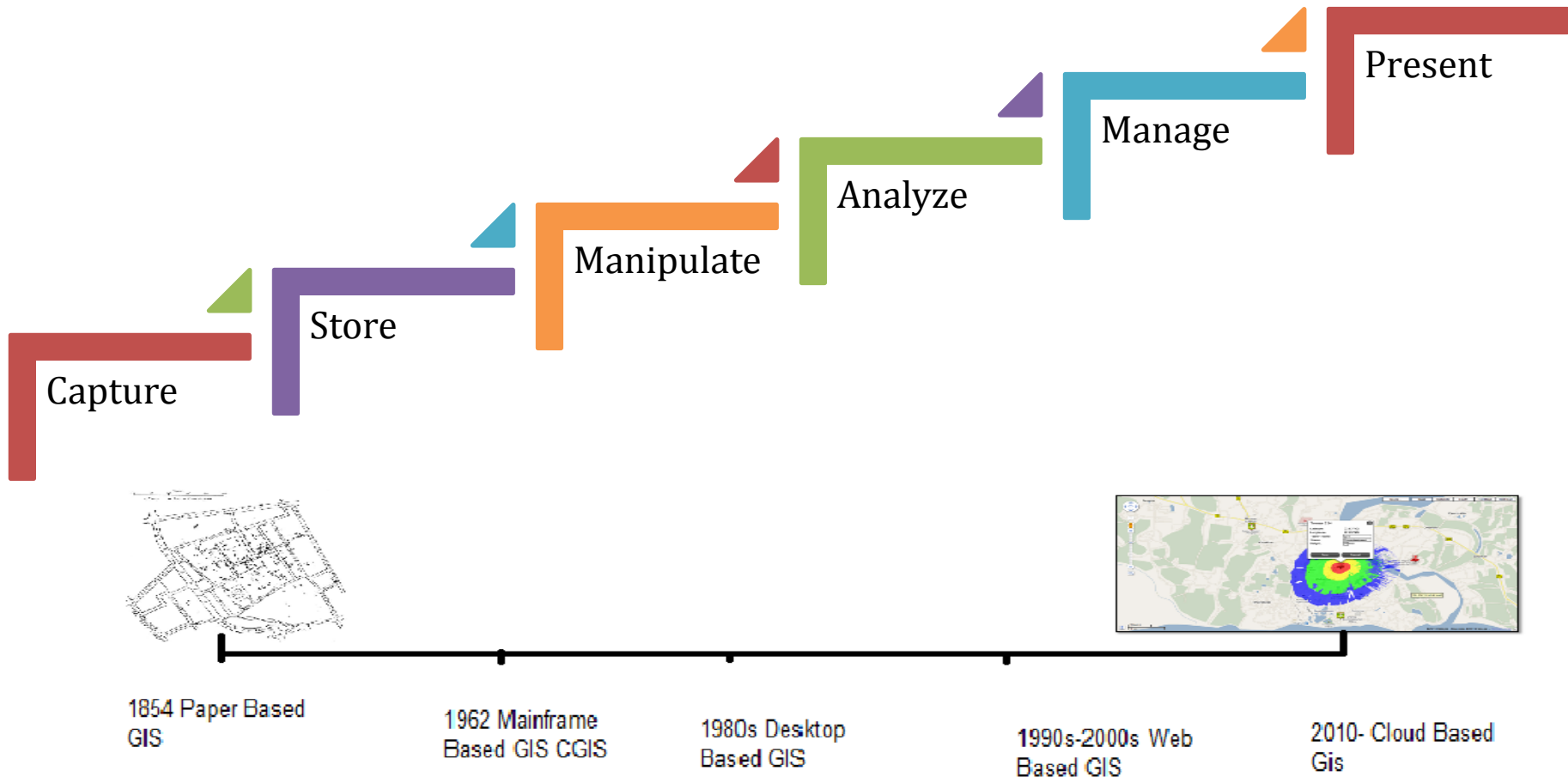
- What is GIS?
- Combination of
 - Software
 - Data, etc
- It is being built over a period



- Why we need GIS?
 - To get a real picture of geography
 - Asset management, etc



Evolution of GIS



Business Challenges with Commercial Software

- Cost
- Constant Cost
- Constant Change
- Change Costs
- Complexity
- Confusion
- Conference Costs !!!!!



- A philosophy
- Controlled by Open Source License
- For General Public of use / modification, free of cost
- Community oriented



- Survey results of Forrester Research



- *Quality of OSS exceeded the expectations of 92% of respondents*
- *87% respondents seen the cost savings*

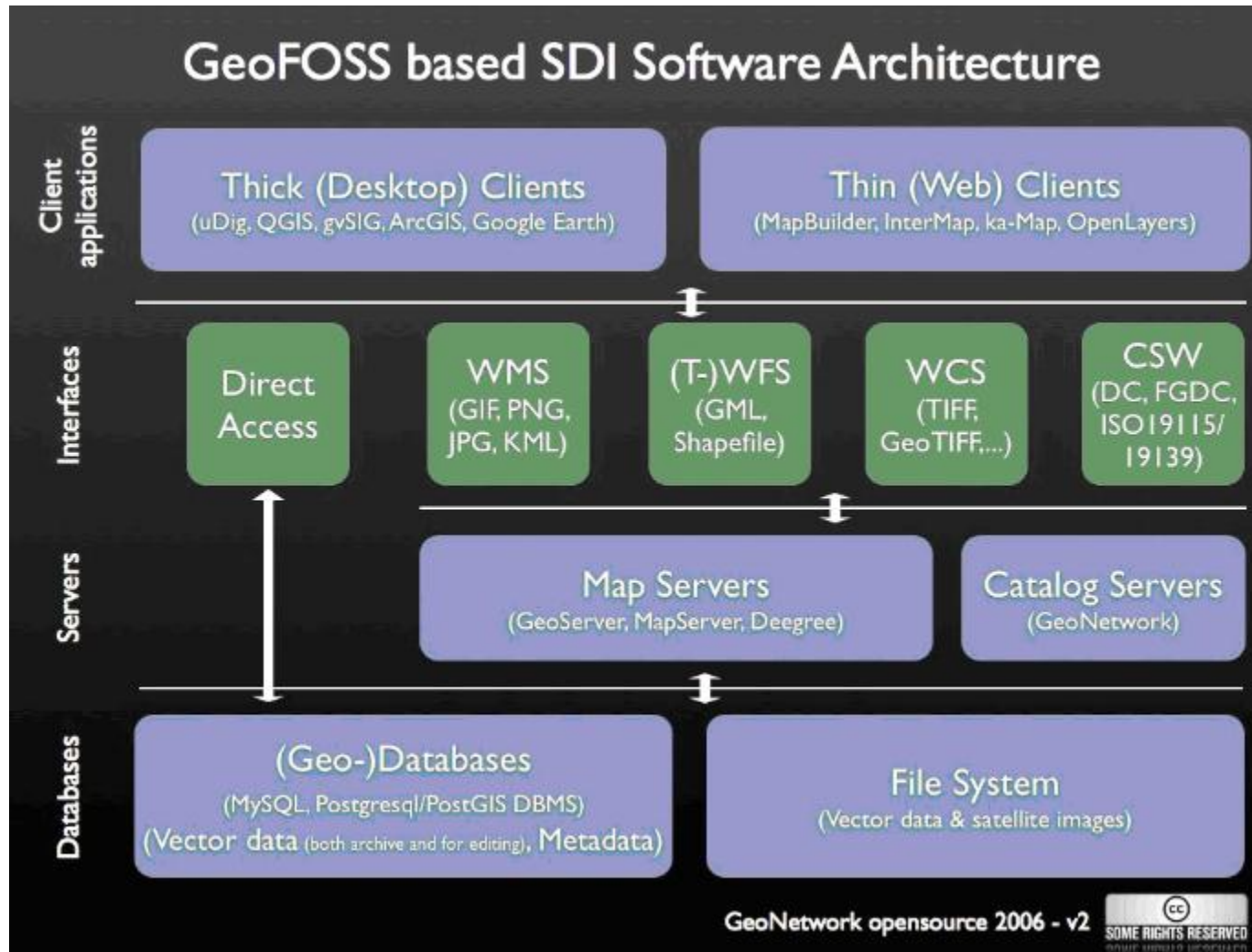


Why Open Source GIS

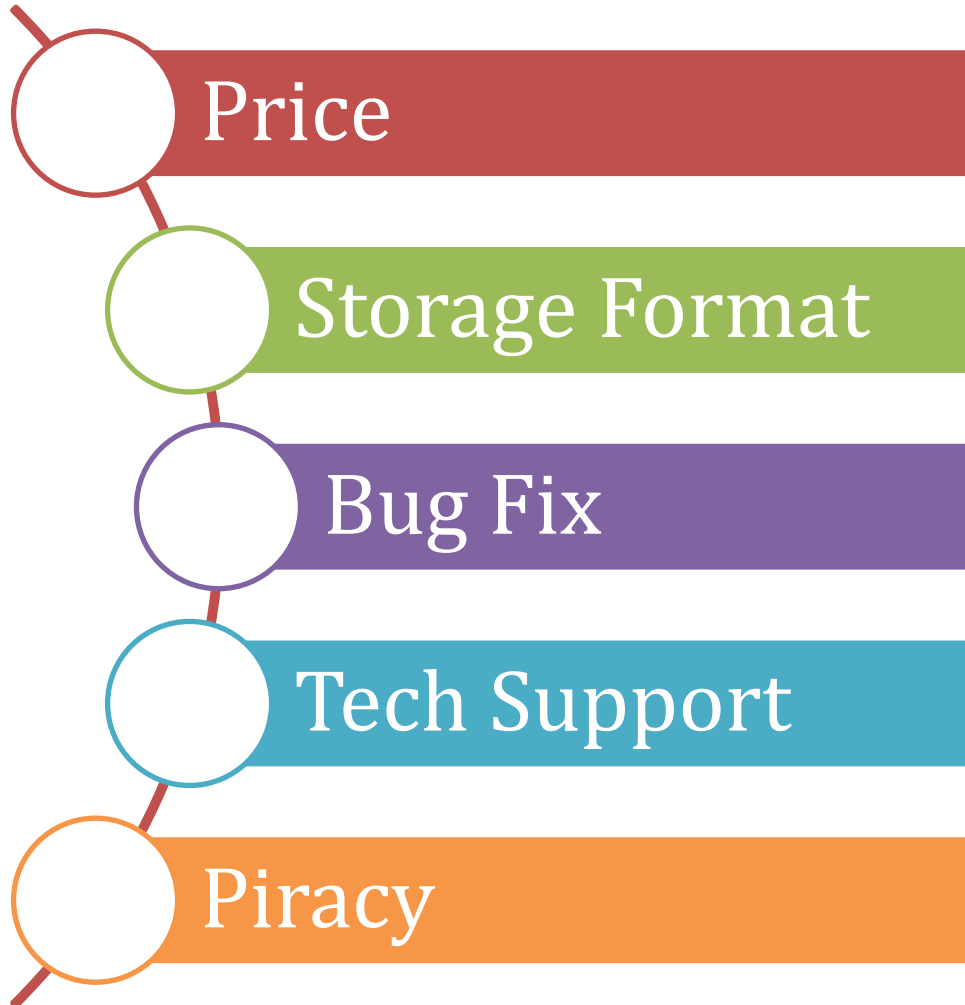


- FREE !!!!
- We only use 5-7% of the GIS functionality.....
- High level of functionality, so it does the “5-7%” **VERY** well.
- Seeing a lot of major vendors supporting and building Open Source platforms. Not just the academic boy and girls.





What is Remarkable



Open Source GIS Software at a glance



- GRASS GIS



- SAGA GIS



- Quantum GIS



- MapWindow GIS



- uDig



- gvSIG



- JUMP GIS





Thank You

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